Please amend the claims as follows:

Claim 11. (Amended) The coating solution according to claim 10, wherein the resin having a thermosetting functional group (c) has a unit structure represented by the following formula (4):

$$-Y^{1}-O \xrightarrow{R^{12}} P^{12} \xrightarrow{R^{16}} P^{16} = -Y^{1}-O \xrightarrow{R^{13}} P^{15} = -Y^{15} P^{15} P^{17} P^{18} P^{19} = -Y^{15} P^{15} P^{17} P^{18} P^{19} = -Y^{15} P^{15} P^{1$$

(4)

wherein R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, R¹⁸ and R¹⁹ are independently selected from the group consisting of a hydrogen atom, a chlorine atom, an iodine atom, an alkyl group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, an alkynyl group having 2 to 10 carbon atoms, a cycloalkyl group having 4 to 10 carbon atoms, a methoxy group, an ethoxy group, a phenyl group which may be substituted and a functional group represented by the formula (2) described above; Y¹ is selected from the any one of functional groups described below or two or more of the functional groups;

$$Q^{14} \qquad Q^{15} \qquad Q^{17} \qquad Q^{18} \qquad Q^{21} \qquad Q^{17} \qquad Q^{18} \qquad Q^{21} \qquad Q^{21} \qquad Q^{22} \qquad Q^{24} \qquad Q^{25} \qquad Q^{25} \qquad Q^{24} \qquad Q^{25} \qquad Q$$

 $\mbox{$\Lambda$}$ $\mbox{$\chi2 is selected from any one of a single bond, a hydrocarbon group having 1 to 20 carbon atoms, an ether group, a ketone group and a sulfone group or two or more of them; at least one of $\mbox{$R12 , $\mbox{$R13 , $\mbox{$R14 , $\mbox{$R15 , $\mbox{$R16 , $\mbox{$R17 , $\mbox{$R18 and $\mbox{$R19 or $\mbox{$Q1 , $\mbox{$Q2 , $\mbox{$Q3 , $\mbox{$Q4 , $\mbox{$Q5 , $\mbox{$Q6 , $\mbox{$Q7 , $\mbox{$Q8 , $\mbox{$Q9 , $\mbox{$Q10 , $\mbox{$Q11 , $\mbox{$Q12 and $\mbox{$Q13 in at least one unit structure contained in a molecular chain is selected from an alkenyl group having 2 to 10 carbon atoms, an alkynyl group having 2 to 10 carbon atoms and a functional group represented by the formula (2) described above;

wherein Q^{14} , Q^{15} , Q^{16} , Q^{17} , Q^{18} , Q^{19} , Q^{20} , Q^{21} , Q^{22} , Q^{23} , Q^{24} and Q^{25} are independently selected from the group consisting of a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, an alkynyl group having 2 to 10

carbon atoms and a functional groups represented by the formula (2) described above; Q^{26} is selected from the group consisting of an alkyl group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms, an alkynyl group having 2 to 10 carbon atoms an a functional group represented by the formula (2) described above; and Z, Z^1 , Z^2 and Z^3 have the same meaning as described claim 3.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

REMARKS

Claims 1-16 are now pending in this application.

The amendments made to the specification and claims are made merely to correct the numbering on the chemical formulas. No new matter has been added to this application.

Favorable action and early allowance of the claims are respectfully requested.

If the Examiner has any questions concerning this application, he is requested to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees